

INTERIM FEDERAL SPECIFICATION
FLAG, ORGANIZATIONAL, GENERAL
SERVICES ADMINISTRATION

This Interim Federal Specification was developed by the General Services Administration, Federal Supply Service, Washington, D.C. 20406, based upon currently available technical information. It is recommended that GSA offices use it in procurement and forward recommendations for changes to the preparing activity at the address shown above.

1. SCOPE AND CLASSIFICATION

1.1 Scope. This specification covers the requirements for General Services Administration flags for interior (set) and exterior use.

1.2 Classification.

1.2.1 Types, styles, headings, and sizes. Unless otherwise specified the flags shall be of the following types, styles, headings and sizes, as specified (see 6.2):

Type I - Interior (set - includes, pole, stand, fringe, cord and tassel, eagle ornament).
Style A - Applique.

Heading - Tube or tunnel type.

Size 1. - 9 foot pole (4'4" x 5'6" flag).

Size 2. - 8 foot pole (3' x 5' flag).

Type II - Exterior (storm flag).

Style B - Print.

Heading - With distance line and thimbles.

Size 1. - 5' x 9'6"

2. APPLICABLE DOCUMENTS

2.1 The following documents, of the issues in effect on date of invitation for bids or request for proposal, form a part of this specification to the extent specified herein:

Federal Specifications:

V-T-276 - Thread, Cotton.

CCC-C-458 - Cloth, Flannel, Cotton.

CCC-C-476 - Cloth, Bunting, Nylon; And Nylon and Wool.

DDD-F-410 - Flag, National, United States of America, Set.

DDD-F-416 - Flag, National, United States of America, and Flag, Union Jack.

Federal Standards:

Fed. Std. No. 191 - Textile Test Methods.

(Activities outside the Federal Government may obtain copies of Federal Specifications, Standards, and Handbooks as outlined under General Information in the Index of Federal Specifications and Standards and at the prices indicated in the Index. The Index, which includes cumulative monthly supplements as issued, is for sale on a subscription basis by the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402.

(Single copies of this specification and other Federal Specifications required by activities outside the Federal Government for bidding purposes are available without charge from Business Service Centers at the General Services Administration Regional Office in Boston, New York, Washington, DC, Atlanta, Chicago, Kansas City, MO, Fort Worth, San Francisco, Los Angeles, and Seattle, WA.

(Federal Government activities may obtain copies of Federal Specifications, Standards, and Handbooks and the Index of Federal Specifications and Standards from established distribution points in their agencies.)

FSC 8345

Military Specifications:

MIL-C-606 - Cloth, Rayon, Banner.

(Copies of Military Specifications and Standards required by suppliers in connection with specific procurement functions should be obtained from the procuring activity or as directed by the contracting officer.)

Laws and Regulations:

Federal Trade Commission Publication:

Rules and Regulations Under the Textile Fiber Products Identification Act (16 CFR 303).

(Copies may be obtained without charge from the Federal Trade Commission, Washington, DC 20580.)

2.2 Other publications. The following publications of the issues in effect on date of invitation for bids form a part of this specification.

National Motor Freight Traffic Association, Incorporated, Agent:

National Motor Freight Classification.

(Application for copies should be addressed to the American Trucking Association, Inc., Tariff Order Section, 1616 P Street, N.W., Washington, DC 20036.)

Uniform Classification Committee, Agent:

Uniform Freight Classification.

(Application for copies should be addressed to the Uniform Classification Committee, Room 1106, 222 South Riverside Plaza, Chicago, IL 60606.)

Standard Color Card of America.

(Application for copies should be addressed to the Color Association of the United States, Inc., 200 Madison Avenue, New York, NY 10016.)

3. REQUIREMENTS

3.1 Preproduction sample. When specified, before production is commenced, a preproduction sample of the flag set shall be submitted to the contracting officer for approval.

3.2 Figure. Figure 1, incorporated in this specification, is furnished for guidance to the contractor. In the event of differences between the written specification and figure 1, the written specification shall govern.

3.3 Materials.

3.3.1 Type I (Interior).

3.3.1.1 Cloth. The bunting cloth for type I Interior flag set including the cloth for the pyramid-eagle design, lettering, and band shall be in accordance with MIL-C-606.

3.3.1.1.1 Color. The color for the basic cloth shall be blue, matching Cable No. 70087 of the Standard Color Card of America. The color of the appliqueing cloth for pyramid-eagle, band, and lettering shall be white, matching Cable No. 70001 of the Standard Color Card of America.

3.3.1.2 Heading (tunnel type). The heading shall be in accordance with type II, class 1 of DDD-F-416, except that cotton canton flannel cloth in conformance with type IV, class 5 of CCC-C-458, cut 5-1/2 inches wide may be used as an alternate in lieu of the cotton sheeting.

3.3.1.3 Sewing thread. The thread used for sewing shall be mercerized cotton, white in color, conforming to type IC1, 3 ply, ticket No. 00 of V-T-276 for attaching the fringe and appliqueing, and black or dark blue thread, IC2, 3 ply, ticket No. 00 of V-T-276 for hemming the tunnel.

3.3.1.4 Fringe. The fringe shall be in accordance with DDD-F-410 except for color which shall be white matching Cable No. 70001 of the Standard Color Card of America.

3.3.1.5 Cord and Tassels. The cord and tassels shall be in accordance with DDD-F-410 except for color which shall be white matching Cable No. 70001 of the Standard Color Card of America, with no colorfast requirements, and the tassel fringe shall contain not less than 52 shots of bullion.

3.3.1.6 Pole, flag. The pole for the flag shall be in accordance with DDD-F-410.

3.3.1.7 Eagle ornament. The eagle ornament shall be in accordance with DDD-F-410.

3.3.1.8 Stand. The stand shall be in accordance with DDD-F-410.

3.3.1.9 Hardware finish. The finish of the hardware including the materials of varnish and lacquer shall be in accordance with DDD-F-410.

3.3.2 Type II (Exterior).

3.3.2.1 Cloth. The bunting cloth for type II - Exterior flag shall be type I, class B - heavy-weight nylon in accordance with CCC-C-476. The color shall be blue, Cable No. 70087 of the Standard Color Card of America.

3.3.2.2 Heading (distance line and thimbles). The heading shall be in accordance with type I, class 1a of DDD-F-416.

3.3.2.3 Sewing thread. The sewing thread used in fabricating the flag shall be polyester in accordance with the requirements of DDD-F-416.

3.3.2.4 Distance lines. The distance lines for class 1a heading shall be in accordance with DDD-F-416.

3.3.2.5 Thimbles. The thimbles shall be in accordance with DDD-F-416.

3.4 Design. The overall design and proportions of the flag shall be in accordance with Figure 1, and as specified hereinafter.

3.5 Construction.

3.5.1 Type I (Interior). The flag shall be fabricated with double cloth (cut in separate identical pieces of face and back) and secured by means of the required appliqueing and fringe attachment. The tunnel heading (3.3.1.2) shall be attached to the hoist end of the flag.

3.5.1.1 Stitches, seams, and stitching. The stitches, seams and stitching shall be in accordance with DDD-F-410, as applicable, and as hereinafter specified.

3.5.1.1.1 Appliqueing stitch. There shall be not less than 50 appliqueing stitches per inch with a 1/16 inch throw, in application of the band, lettering, and the eagle-pyramid symbol.

3.5.1.2 Lettering. The lettering for flag size 4'4" x 5'6" shall be in block form, made from white cloth as specified in 3.3.1.1, located at the bottom of the flag with the base of the letters 6 + 1/4 inches from the inside edge of the woven heading of the fringe and 4 + 1/4 inches from the hoist and fly edges. The lettering shall read "GENERAL SERVICES ADMINISTRATION" reading from left to right on face and back of the flag. Letters shall measure 2-3/8 + 1/16 inches in height and the letter segments shall measure 3/8 + 1/16 inch in width. Lettering and its location for other size flags shall be in direct proportion to those for size 4'4" x 5'6" flag.

3.5.1.3 Horizontal band. A horizontal band of white cloth, 3.3.1.1, measuring 1-7/8 + 1/16 inches wide shall be located on the face and back of the flag, 14-1/2 + 1/4 inches from the bottom of the flag when measured from the inside edge of the fringe up to the bottom edge of the white band for size 4'4" x 5'6". The band shall extend from the seam of the tunnel heading to the inside edge of the fringe on the fly end. The width of the band and its location on other size flags shall be in direct proportion to the requirements for size 4'4" x 5'6" flag.

3.5.1.4 Pyramid and eagle. The pyramid and eagle design shall be located on the fly end of the flag, facing the flag heading, on both face and back of the flag, and shall be made from white cloth in accordance with 3.3.1.1. The periphery of the top portion of the eagle's wing shall measure $9\frac{3}{4} + 1\frac{1}{8}$ inches from the inside edge of the fringe at the top of the flag; and the back of the eagle at the extended periphery shall measure $5\frac{1}{2} + 1\frac{1}{8}$ inches from the inside edge of the fringe at the fly end. The periphery of the base of the pyramid shall be $32\frac{3}{4} + 1\frac{1}{4}$ inches from the seam of the tunnel heading. The dimensions and the location of the pyramid and eagle on other size flags shall be in direct proportion to the requirements for size $4'4" \times 5'6"$ flag.

3.5.1.5 Fringe attachment. The fringe shall extend the full extremity of the top, bottom, and fly edges of the flag and shall be attached to the flag in accordance with DDD-F-416.

3.5.1.6 Dimensions. The dimensions of size 1 flag shall be 4 feet 4 inches for the hoist length and 5 feet 6 inches for the fly length. The dimensions of size 2 flag shall be 3 feet for the hoist length and 5 feet for the fly length. A tolerance of plus or minus 5.0 percent on all above dimensions will be allowed.

3.5.2 Type II (Exterior). The flag shall be fabricated from cloth, 3.3.2.1, and in accordance with DDD-F-416 as applicable, and as specified hereinafter.

3.5.2.1 Stitches, seams, and stitching. The stitches, seams, and stitching shall be in accordance with DDD-F-416, as applicable, and as hereinafter specified.

3.5.2.2 Lettering, horizontal band, and pyramid-eagle. The lettering of "GENERAL SERVICES ADMINISTRATION", the horizontal band, and the pyramid-eagle silhouette shall be accomplished by screen printing, discharge printing or resist printing. The lettering on the face side shall read from left (heading) to right.

3.5.2.2.1 The outlines of all printing shall have even edges showing no signs of feathering or distortion. The lettering shall be straight and evenly spaced. The location and dimensions of the prints for flag size 5 feet by 9 feet 6 inches or other required flag sizes shall be in direct proportion to requirements for flag size 4 feet 4 inches by 5 feet 6 inches contained in paragraphs 3.5.1.2 through 3.5.1.4. All printing shall show clear distinct strike-through to the back side of the flag, matching the brilliance of the face printing.

3.5.2.3 Reinforcement patches. The reinforcement patches for the hoist end of the flag shall be in accordance with DDD-F-416, except that patches may be either square, triangular, or rectangular in shape and the shortest segment of the patch shall be not less than 4 inches in length.

3.5.2.4 Dimensions. The dimensions of size 1 flag shall be 5 feet for the hoist length and 9 feet 6 inches for the fly length. Other specified flag sizes shall be in accordance with those proportions contained in DDD-F-416. Tolerances on dimensions shall be in accordance with DDD-F-416.

3.6 Workmanship. Type I finished flags shall conform to the quality and grade established by this specification and DDD-F-410. Type II finished flags shall conform to the quality and grade established by this specification and DDD-F-416. Occurrence of defects shall not exceed the applicable acceptable quality levels.

4. QUALITY ASSURANCE PROVISIONS

4.1 The quality assurance provisions for types I and II flags shall be in accordance with DDD-F-410 and DDD-F-416, respectively, and as applicable, except as specified hereinafter.

4.1.1 Classification of defects (type I). Table IV of DDD-F-410 shall apply except under the column "Examine" delete "Stars" and all applicable material and substitute the following:

| Examine | Defect | Major | Minor |
|---|--------------------------------------|-------|-------|
| Appliqueing (eagle, pyramid, band, and lettering) | Appliqueing on only one side | X | |
| | Appliqueing cloth not as required | X | |
| | Appliqueing stitching not trimmed | | X |
| | Broken stitches | X | |
| | Not applied as required | X | |
| | Less than required stitches per inch | X | |
| | Not block type lettering | X | |
| | Incorrect lettering | X | |

| Examine | Defect | Major | Minor |
|---|---|-------|-------|
| Printing (eagle, pyramid, band and lettering) | Lettering not evenly spaced | X | |
| | Dimension of letters incorrect | | X |
| | Band not extended full length | X | |
| | Band dimensions incorrect | | X |
| | Extreme puckering of cloth | X | |
| | Eagle and pyramid distorted and out of proportion | X | |
| | Not block type printing | X | |
| | Incorrect lettering | X | |
| | Lettering not evenly spaced | X | |
| | Dimensions of lettering incorrect | | X |
| | Band not extended full length | X | |
| | Band dimensions incorrect | X | |
| | Edges of printing show feathering and distortion | | X |
| | Eagle and pyramid distorted and out of proportion | X | |
| | Strike-through of printing not distinct and not matching brilliance of face side. | X | |

5. PREPARATION FOR DELIVERY

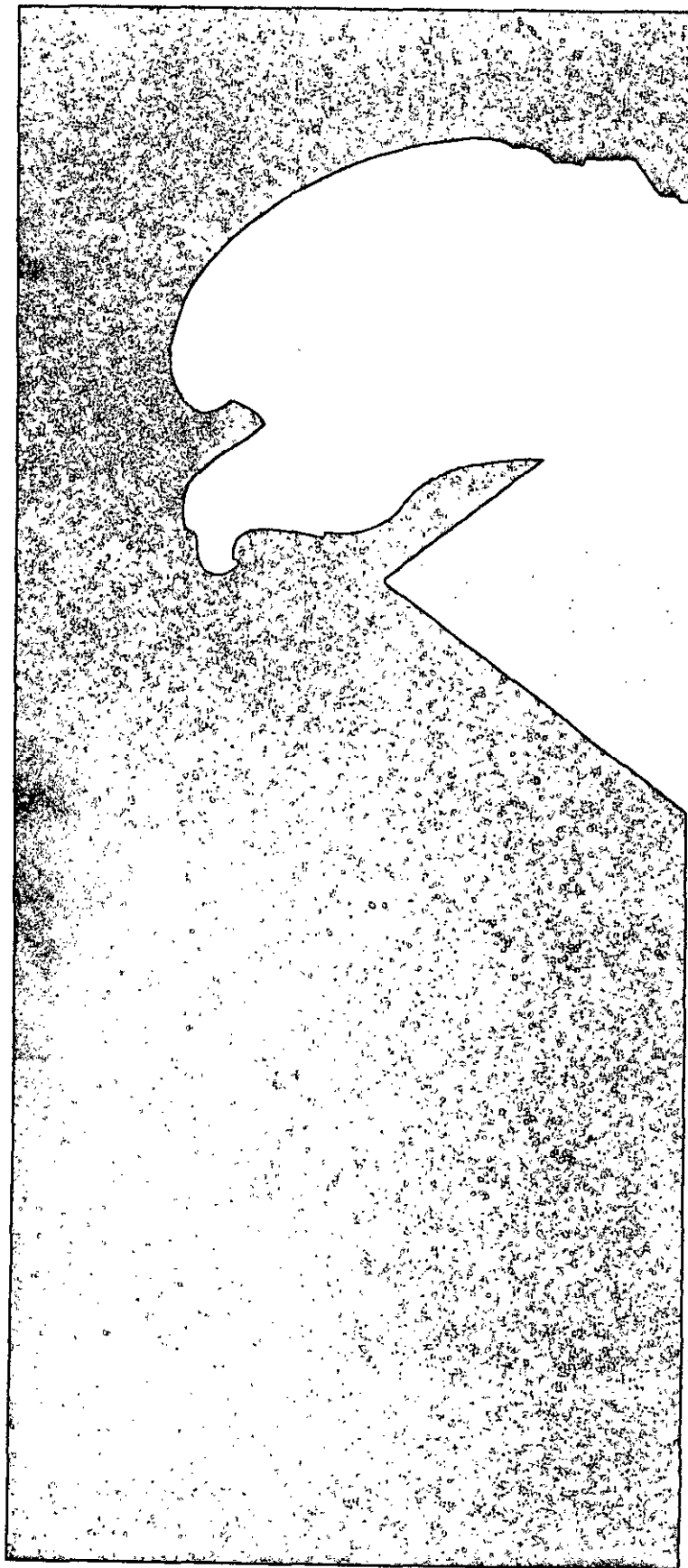
5.1 The preparation for delivery for types I and II flags shall be in accordance with DDD-F-410 and DDD-F-416, respectively, and as applicable.

6. NOTES

6.1 Intended use. Type I flag is intended for use by appropriate and authorized General Services Administration offices. Type II flag is intended for use as an exterior flag to be flown on Government buildings as designated by authority of the General Services Administration.

6.2 Ordering data. Purchasers should select the preferred options permitted herein and include the following information in procurement documents:

- (a) Title, number, and date of specification.
- (b) Type, style, heading, and size required (see 1.2.1).
- (c) Packaging and packing requirements (see 5.1).



GENERAL SERVICES ADMINISTRATION

FIGURE 1